

**CLAIMS**

What is claimed is:

- 5     1.    A method for restricting access to a set of  
resources in a distributed data processing system, the  
method comprising:  
          determining a set of authorized resources for which  
a user is authorized to access, wherein the set of  
10    authorized resources is a subset of the set of resources;  
          obtaining state information about the set of  
authorized resources;  
          evaluating availability of the set of authorized  
resources based upon the state information about the set  
15    of authorized resources; and  
          in response to evaluating availability of the set of  
authorized resources, generating a list of a set of  
entitled resources for the user, wherein the set of  
entitled resources is a subset of the set of authorized  
20    resources.
2.    The method of claim 1 further comprising:  
          sending an indication of the set of entitled  
resources to the user.
- 25    3.    The method of claim 1 further comprising:  
          responding to requests for the user to access the  
set of entitled resources.

4. The method of claim 1 further comprising:  
preventing the user from accessing resources that  
are in the set of authorized resources but that are not  
in the set of entitled resources.

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5. The method of claim 1 further comprising:  
considering user attributes of the user while  
evaluating availability of the set of authorized  
resources.

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6. The method of claim 1 further comprising:  
performing the evaluation of availability of the set  
of authorized resources in accordance with a configurable  
rule associated with one or more resources in the set of  
authorized resources.

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7. The method of claim 1 further comprising:  
gathering state information for the set of resources  
using a distributed monitoring application.

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8. An apparatus for restricting access to a set of resources in a distributed data processing system, the apparatus comprising:

5 means for determining a set of authorized resources for which a user is authorized to access, wherein the set of authorized resources is a subset of the set of resources;

means for obtaining state information about the set of authorized resources;

10 means for evaluating availability of the set of authorized resources based upon the state information about the set of authorized resources; and

means for generating a list of a set of entitled resources for the user in response to evaluating  
15 availability of the set of authorized resources, wherein the set of entitled resources is a subset of the set of authorized resources.

9. The apparatus of claim 8 further comprising:

20 means for sending an indication of the set of entitled resources to the user.

10. The apparatus of claim 8 further comprising:

25 means for responding to requests for the user to access the set of entitled resources.

11. The apparatus of claim 8 further comprising:

30 means for preventing the user from accessing resources that are in the set of authorized resources but that are not in the set of entitled resources.

12. The apparatus of claim 8 further comprising:  
means for considering user attributes of the user  
while evaluating availability of the set of authorized  
resources.

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13. The apparatus of claim 8 further comprising:  
means for performing the evaluation of availability  
of the set of authorized resources in accordance with a  
configurable rule associated with one or more resources  
in the set of authorized resources.

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14. The apparatus of claim 8 further comprising:  
means for gathering state information for the set of  
resources using a distributed monitoring application.

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15. A computer program product in a computer readable medium for use in a distributed data processing system for restricting access to a set of resources, the computer program product comprising:

5       means for determining a set of authorized resources for which a user is authorized to access, wherein the set of authorized resources is a subset of the set of resources;

      means for obtaining state information about the set  
10 of authorized resources;

      means for evaluating availability of the set of authorized resources based upon the state information about the set of authorized resources; and

      means for generating a list of a set of entitled  
15 resources for the user in response to evaluating availability of the set of authorized resources, wherein the set of entitled resources is a subset of the set of authorized resources.

20 16. The computer program product of claim 15 further comprising:

      means for sending an indication of the set of entitled resources to the user.

25 17. The computer program product of claim 15 further comprising:

      means for responding to requests for the user to access the set of entitled resources.

18. The computer program product of claim 15 further comprising:

5 means for preventing the user from accessing resources that are in the set of authorized resources but that are not in the set of entitled resources.

19. The computer program product of claim 15 further comprising:

10 means for considering user attributes of the user while evaluating availability of the set of authorized resources.

20. The computer program product of claim 15 further comprising:

15 means for performing the evaluation of availability of the set of authorized resources in accordance with a configurable rule associated with one or more resources in the set of authorized resources.

20 21. The computer program product of claim 15 further comprising:

means for gathering state information for the set of resources using a distributed monitoring application.